

RAW SEQUENCE LISTING

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Application Serial Number: 10/802,796
Source: IFWO
Date Processed by STIC: 07/26/2005

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IFWO

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DATE: 07/26/2005

PATENT APPLICATION: US/10/802,796

TIME: 09:30:09

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3   GORDON, STEPHEN
4   BILLAULT, ALAIN
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6   FROM THE GENOME OF A MYCOBACTERIUM USING A BAC-BASED
7   DNA LIBRARY. APPLICATION TO THE DETECTION OF
8   MYCOBACTERIA.
9 <130> FILE REFERENCE: 05394.0011-00000
10 <140> CURRENT APPLICATION NUMBER: US/10/802,796
11 <141> CURRENT FILING DATE: 2004-03-18
12 <150> PRIOR APPLICATION NUMBER: US/09/673,476
13 <151> PRIOR FILING DATE: 2002-03-29
14 <150> PRIOR APPLICATION NUMBER: PCT/IB99/00740
15 <151> PRIOR FILING DATE: 1999-04-16
16 <150> PRIOR APPLICATION NUMBER: 09/060,756
17 <151> PRIOR FILING DATE: 1998-04-16
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214 ccgacatcgg ccaggcgtag gtggtctctt tccccgggaa agacggtttc cagaatcccg 11340
215 cgcgccgaga tgaaccagga cgattcgtct aacgtgcgcg aggactccgg tatcgtcaag 11400
216 gttccgtcgt cgaggcgaac gttgtggcg gtgaattgta ccgcgccggc cgaatgttcc 11460
217 tgtgccatca cttggttagc cccttcggct ggtcctgggt ttgtcgacat ggtcaggctc 11520
218 gacagccgcg tcggagccgg gagggccaca catccacgag cccctgcgg ctccggtcgt 11580
219 cgcgccgagc cttgcgccac tgggtcttga gccgcgcgcg ggggtgcgcg ccgcggtgct 11640
220 gcagcccgag catggcgatc cggggatggc gcgcgatggt ttctgcagc gccgcgcgcc 11700
221 cctccggggc tggaaacgtt gcgatctggc gaaggatcca gtcggccatg acggcgatga 11760
222 gctcctcgcg cgcggggtct cccgggaaca ggtcgagcat cgcgtcaaac gtcgccgat 11820
223 gccccggacc ctgcgtcaac cagaactttg gcgggtccac cacctggttg tgccacatgc 11880
224 cttggcgctg gcggcgatac acggccatgg tgtcgggcaa catggcgatg tcgccatgca 11940
225 ccgctgccc gacgtgcaga taccagtcca gggcgatgac gtcggcagga atgtcgtcgt 12000
226 agcgtcgcg gcgacggtac acggccgagt tggctcggat gaagttcatc aagatcaacg 12060
227 catccaggct caagttgccc cgcaccgaa ccggggggaa cttcgagtcc ttggcatggc 12120
228 cgtcctccca tatcactcgg acgggatgga agcacaccgt cgtcttgggg tgccggtcga 12180
229 ggaatgcgac ctgtttgctt agcttcagcg gatcgatcca gtagtcgtcc gcctcgaca 12240
230 acgcgacgta ctgcgcgcga gcggccgaca gggcgccggt caggttccca ttgaggccga 12300
231 ggttttcggt cctgaagatc ggccggaaca cgtgcgggta ccgctcggcg tactcacgga 12360
232 tgatcgccgg ggtggcatcg gtcgacgcgt cgtcggcgac gatgatctcc accgggaagt 12420
233 cggtttgctg gtcgagaaaag ctgtcgaagg cctgacgggc gtagcccgcc tggttgtgag 12480
234 tggtcgagac gatgctcacc ttggggcaaa gctggggact caccgtcggc ctttttcctg 12540
235 cgcgcccgca agggatttgc gatggcgaaac gtgaatcgcc tgtgcccggc ggccgtcggc 12600
236 cgtcgtggcc tgggtggcgg cggacgtacg gcacacgctg gcgaagtata gcgaggtgct 12660
237 actgacgttg ggctcgaacc gcgtggcgcg cgggtgtgggc gcaccgtctc gagtgcgtgc 12720
238 tgggtggctc gc 12732
240 <210> SEQ ID NO: 2
241 <211> LENGTH: 289

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/802,796

DATE: 07/26/2005
TIME: 09:30:10

Input Set : N:\CrF3\RULE60\10802796.raw
Output Set: N:\CRF4\07262005\J802796.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; N Pos. 99
Seq#:13; N Pos. 21
Seq#:17; N Pos. 5,190,268,279,382
Seq#:18; N Pos. 7,17,21,38,51,82,100,103,112,115,121,176,231,241,243,250
Seq#:18; N Pos. 284,285,293,297,348,379,422,441,489,507,527,531,544,555,578
Seq#:19; N Pos. 84,94,179
Seq#:20; N Pos. 17,47,107,154,225,229,232,450,453,476
Seq#:21; N Pos. 6,7,34,38,53,55,86,101,118,135,159,177,180,184,204,227,228
Seq#:21; N Pos. 232,264,352
Seq#:22; N Pos. 51
Seq#:23; N Pos. 1,131,132
Seq#:24; N Pos. 136,166,208,251,295,313,334,349,354,377,405,437
Seq#:25; N Pos. 29,199,280,302,325,331,368,374,375,395,401,423,426,432,444
Seq#:26; N Pos. 180,224
Seq#:27; N Pos. 53,161,226,242,306,335
Seq#:28; N Pos. 48,69,115,136,139,146,157,182,236,246,253,256,264,265,274
Seq#:28; N Pos. 278,280,290,301,312,314,321,335,337,349,358,377
Seq#:29; N Pos. 163
Seq#:31; N Pos. 94,195,216,282,446
Seq#:32; N Pos. 352,371
Seq#:33; N Pos. 62,85,160,165,204,217,260,279,282,292,300,301
Seq#:34; N Pos. 7,74,189,196,198,224,238,323,326,332,350
Seq#:37; N Pos. 126,134,137,141,147,164
Seq#:42; N Pos. 19,121
Seq#:46; N Pos. 125,155
Seq#:48; N Pos. 364
Seq#:49; N Pos. 89,117,183,353
Seq#:50; N Pos. 24,118,120
Seq#:51; N Pos. 24,25,34,39
Seq#:52; N Pos. 16,29,80,108,407,436,439,443
Seq#:53; N Pos. 155
Seq#:55; N Pos. 239,337,379,391,398
Seq#:56; N Pos. 21,171
Seq#:57; N Pos. 106,305,339,373
Seq#:58; N Pos. 309,328
Seq#:59; N Pos. 40,134,139,336
Seq#:60; N Pos. 154,155,322,334,347
Seq#:61; N Pos. 349
Seq#:62; N Pos. 323
Seq#:64; N Pos. 160,377,423,428,448
Seq#:65; N Pos. 30,63,153,155,162,302,313
Seq#:71; N Pos. 403
Seq#:73; N Pos. 298
Seq#:74; N Pos. 19,76,197,387

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 07/26/2005

PATENT APPLICATION: US/10/802,796

TIME: 09:30:10

Input Set : N:\Crf3\RULE60\10802796.raw

Output Set: N:\CRF4\07262005\J802796.raw

Seq#:77; N Pos. 37
Seq#:79; N Pos. 58,273
Seq#:81; N Pos. 29,164,174
Seq#:82; N Pos. 379
Seq#:84; N Pos. 37,263
Seq#:86; N Pos. 71,139
Seq#:88; N Pos. 70,249

VERIFICATION SUMMARY

DATE: 07/26/2005

PATENT APPLICATION: US/10/802,796

TIME: 09:30:10

Input Set : N:\CrF3\RULE60\10802796.raw

Output Set: N:\CRF4\07262005\J802796.raw

L:370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:60
L:399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
M:341 Repeated in SeqNo=17
L:594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
M:341 Repeated in SeqNo=18
L:624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:60
M:341 Repeated in SeqNo=19
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
M:341 Repeated in SeqNo=20
L:760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
M:341 Repeated in SeqNo=21
L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
M:341 Repeated in SeqNo=23
L:853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:120
M:341 Repeated in SeqNo=24
L:921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
M:341 Repeated in SeqNo=25
L:945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120
M:341 Repeated in SeqNo=26
L:977 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
M:341 Repeated in SeqNo=27
L:1093 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
M:341 Repeated in SeqNo=28
L:1112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:120
L:1156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:60
M:341 Repeated in SeqNo=31
L:1182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:300
M:341 Repeated in SeqNo=32
L:1235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
M:341 Repeated in SeqNo=33
L:1290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
M:341 Repeated in SeqNo=34
L:1352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:120
L:1415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
M:341 Repeated in SeqNo=42
L:1467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:120
L:1498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:360
L:1522 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:60
M:341 Repeated in SeqNo=49
L:1547 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
M:341 Repeated in SeqNo=50
L:1568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:1612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0
M:341 Repeated in SeqNo=52
L:1632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:120
L:1674 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:180

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/802,796

DATE: 07/26/2005

TIME: 09:30:10

Input Set : N:\Crf3\RULE60\10802796.raw

Output Set: N:\CRF4\07262005\J802796.raw

M:341 Repeated in SeqNo=55

L:1693 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0